



U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 SIXTH AVENUE
SEATTLE, WASHINGTON 98101

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7/23/87

JUL 23 1987

REPLY TO
ATTN OF: HW-113

Larry Dietrich
Pasco Sanitary Landfill
424 Bay
Pasco, Washington 99301

Dear Mr. Dietrich:

The U.S. Environmental Protection Agency (EPA), through Ecology and Environment, Inc. (E&E), collected samples from ground water monitoring wells and a drinking water well at the Pasco Sanitary Landfill on March 18 - 20, 1987. E&E also collected drinking water well samples from seven domestic wells approximately one mile southwest of the landfill. The samples were analyzed for approximately 150 compounds on EPA's Target Compound List. The results from the sampling effort are listed on the enclosed tables.

Most of the substances tested for were not detected in the drinking water samples. According to EPA's regional toxicologist, the results show that the chemical concentrations in the drinking water wells are at levels which do not pose an unacceptable health risk. The sodium level in the water supply well located at the Pasco Sanitary Landfill does exceed the EPA guidance level of 20,000 micrograms per liter (parts per billion). Persons with a genetic predisposition to hypertension, hypertensive patients, dialysis patients, and others on sodium restrictive diets should consult with their physician concerning these findings. Pregnant women should also consult with their physician.

As part of the March 1987 study, E&E also collected water level data on all of the wells. In order to further interpret the findings, could you please provide the following information regarding the water supply well and irrigation well (used for dust control):

- o horsepower on pumps in each well;
- o approximate use frequency (hours per day, days per year);
- o average number of hours per day used;
- o diameter of the distribution main lines; and
- o number of residences served.

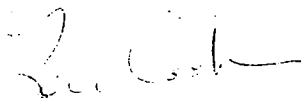
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You will receive a copy of the interpretive report as soon as it is available. In the meantime, if you have any questions, please telephone me at (206) 442-2712.

Sincerely,

A handwritten signature in dark ink, appearing to read "Lori Cohen", with a long horizontal flourish extending to the right.

Lori Cohen
Site Manager

Enclosure

cc: Stan Vendetti, Benton-Franklin County Health District
John Zillich, JUB Engineers
Flora Goldstein, Department of Ecology